

AbstractVoice Input interface

A voice input system comprising a stationary central unit (1) and a mobile voice interface (2) which is carried around by the user, e.g. in his clothing, is described. The voice interface (2) is used to acoustically record spoken commands which are transmitted to the central unit (1) over a wireless link after being electronically processed. The voice interface contains two or more microphones (3a, 3b, 3c), which cooperate as a microphone array, thereby making possible a directional characteristic during sound recording and also substantial noise suppression. The central unit (1) contains the components for speech recognition, e.g. a processor system, and interfaces (4a, 4b, 4c) via which external appliances are controlled over a wireless link or by cable.

(Fig. 2)